

Amendments to the Drawings:

The attached sheet of drawings includes changes to Fig. 2a. This sheet, which includes Fig. 2a, 2b, and 2c replaces the original sheet including Figs. 2a, 2b, and 2c. As further described in the remarks, Fig. 2a is amended to show a camera system 26.1 as recited in claim 9.

Attachment: Replacement Sheet

REMARKS/ARGUMENTS

The Office Action mailed June 27, 2005 has been reviewed and carefully considered. Claims 1, 3, 4, 9, 10, has been amended. Claims 1-15 are pending in this application, with claim 1 being the only independent claim. Reconsideration of the above-identified application, as herein amended and in view of the following remarks, is respectfully requested.

The drawings are objected to because the camera system recited in claims 9-11 is not shown in the drawings. Fig. 2a is amended to show schematically a camera system 26.1. The specification is also amended to refer to the camera system 26.1. In view of the amendments to the specification and drawings, the objection to the drawings should now be withdrawn.

Claim 1 is objected to because "at last" in line 5 should be --at least--. Claim 1 is amended in accordance with the Examiner's suggestion. Accordingly, the objection to claim 1 should now be withdrawn. Claims 3, 4, 9, and 10 are also amended to correct informalities.

Claims 1-8 and 14 stand rejected under 35 U.S.C. §102(b) as anticipated by U.S. Patent No. 6,209,401 (Backlund).

Claims 1-4, 9-13, and 15 stand rejected under 35 U.S.C. §102(b) as anticipated by U.S. Patent No. 5,947,024 (Birkenfeld).

The present invention relates to a system for acquired values which represent the state of a material during production, processing, or finishing of the material. The system of the present invention is applied in or on the material so that the system passes through the entire production, processing and/or finishing process with the material (see para. [0014], lines 4-10). In one embodiment, the system is applied to a web with adhesive labels 25 (see para. [0023], lines 1-3).

Independent claim 1 has been amended to recite “said system being arranged on or in a material as part of the material so that the system is subjected to the operating process as part of the material”. Neither Backlund nor Birkenfeld disclose a system that subjected to the operating process as part of the material. Backlund discloses a tension force meter which is used to check tension force on a wire or web. The device of Backlund bends the object being measured (see col. 2, lines 48-51). Accordingly, the device of Backlund is not a part of the material. Rather, the device of Backlund performs an operation on the material to be measured. Since Backlund discloses a device which performs an operation on the material to be measured, Backlund can not be considered to disclose “the system is subjected to the operating process as part of the material”.

Birkenfeld discloses a device to prevent damage to printing groups. The device of Birkenfeld includes a detector 5 arranged proximate an output of a reel changer 4 (see col. 3, lines 16-20 of Birkenfeld). A web 3 passes through the detector 5 (col. 3, line 18). Since the web 3 passes through the detector 5, Birkenfeld fails to teach that the system is a part of the material to be tested. Accordingly, Birkenfeld fails to disclose, teach, or suggest “said system being arranged on or in a material as part of the material so that the system is subjected to the operating process as part of the material”, as expressly recited in independent claim 1.

In view of the above amendments and remarks independent claim 1 is allowable over Backlund and Birkenfeld.

Dependent claims 2-17, each being dependent on independent claim 1, are allowable for the same reasons as is independent claim 1, as well as for the additional recitations contained therein.

New dependent claim 16 recites that the material is a printing material web and the operating process is a process of a web-fed printing press. Support for this is found in para. [0014], lines 10-12, of the present application. This limitation is not disclosed in the prior art of record.

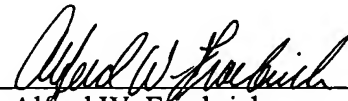
New dependent claim 17 recites that the system is encoded with information indicating where the system is located on the web. Support for this is found in paragraph [0024]. Backlund and Birkenfeld fail to disclose this because the devices of the references are not applied on or in the material as a part of the material.

In view of the above amendments and remarks, the application is now deemed to be in condition for allowance and notice to that effect is solicited.

Respectfully submitted,

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